

## What are its uses?

Vermiculite has been used in various industries for over 80 years. It is used in the construction, agricultural, horticultural, and industrial markets.

CONSTRUCTION	AGRICULTURAL	HORTICULTURAL	INDUSTRIAL
Acoustic finishes	Animal feed	Blocking mixes	Absorbent packing
Air setting binder Board	Anti-caking material	Hydroponics	Brake pads & brake shoes
Fire protection (internal/external)	Bulking agent	Micro-propagation	Castables
Floor & roof screeds (lightweight Insulating concrete)	Fertilizer	Potting mixes	Dispersions
Gypsum plaster	Pesticide	Rooting cuttings	Drilling muds
Loft insulation	Seed encapsulant	Seed germination	Filtration
Sound deadening compounds	Soil conditioner	Seedling wedge mix	Fireproof safes
		Sowing composts	Fixation of hazardous material
		Twin scaling bulbs	Furnaces
			Insulation blocks & shapes
			Insulation - high & low temperature
			Molten metal insulation
			Molded products
			Nuclear waste disposal
			Paints
			Perfume absorbent
			Sealants

**Below are some examples of typical binders and other materials which are often used in combination with vermiculite:**

Portland cement	Clay
Plaster (gypsum)	Potassium silicate
Bark	Fertilizers
Resins	Sodium silicate
High alumina cement	Peat

**Applications:**

Loose fill	Carriers
Lightweight aggregates	Soil conditioners
Asbestos substitutes	Density modifiers
Absorbents	Fire protection
Industrial heat insulation	